

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

FHW-141US

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

10/530371

INTERNATIONAL APPLICATION NO. PCT/GB2003/004180	INTERNATIONAL FILING DATE 26 September 2003	PRIORITY DATE CLAIMED 5 October 2002
--	--	---

**TITLE OF INVENTION  
DEVICES FOR PROTECTION AGAINST ADVERSE WEATHER CONDITIONS**

**APPLICANT(S) FOR DO/EO/US**

Stephen Hugh FREESTONE

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An Application Data Sheet under 37 CFR 1.76.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.
18.  A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/530371		INTERNATIONAL APPLICATION NO. PCT/GB2003/004180	ATTORNEY'S DOCKET NUMBER FHW-141US																																																																																																																														
<p>20. <input checked="" type="checkbox"/> Other items or information: Copy of 371 Formalities Letter Supplemental Application Data Sheet Return Receipt Postcard</p>																																																																																																																																	
<p>The following fees have been submitted</p> <table border="1"> <tr> <td colspan="2">21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)) .....</td> <td>\$300</td> <td>CALCULATIONS</td> <td>PTO USEONLY</td> </tr> <tr> <td colspan="2">22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....</td> <td>\$0</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="2">All other situations .....</td> <td>\$200</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="2">23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .....</td> <td>\$0</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="2">Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....</td> <td>\$100</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="2">International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....</td> <td>\$400</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="2">All other situations.....</td> <td>\$500</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="2"><b>TOTAL OF 21, 22 and 23 =</b></td> <td><b>\$ 0.00</b></td> <td></td> <td></td> </tr> <tr> <td colspan="5"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.         </td> </tr> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td colspan="2">RATE</td> </tr> <tr> <td>- 100 =</td> <td>/50 =</td> <td></td> <td colspan="2">x \$250.00</td> </tr> <tr> <td colspan="5">Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).</td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td colspan="2">RATE</td> </tr> <tr> <td>Total claims</td> <td>- 20 =</td> <td></td> <td colspan="2">x</td> </tr> <tr> <td>Independent claims</td> <td>- 3 =</td> <td></td> <td colspan="2">x</td> </tr> <tr> <td colspan="5">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> </tr> <tr> <td colspan="5" style="text-align: right;"><b>TOTAL OF ABOVE CALCULATIONS = \$ 0.00</b></td> </tr> <tr> <td colspan="5"> <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.         </td> </tr> <tr> <td colspan="5" style="text-align: right;"><b>SUBTOTAL = \$ 0.00</b></td> </tr> <tr> <td colspan="5">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).</td> </tr> <tr> <td colspan="5" style="text-align: right;"><b>TOTAL NATIONAL FEE = \$ 0.00</b></td> </tr> <tr> <td colspan="5">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</td> </tr> <tr> <td colspan="5" style="text-align: right;"><b>TOTAL FEES ENCLOSED = \$ 0.00</b></td> </tr> <tr> <td colspan="4">Amount to be refunded:</td> <td>\$</td> </tr> <tr> <td colspan="4">Amount to be charged:</td> <td>\$</td> </tr> </table>					21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)) .....		\$300	CALCULATIONS	PTO USEONLY	22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....		\$0	\$		All other situations .....		\$200	\$		23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .....		\$0	\$		Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....		\$100	\$		International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....		\$400	\$		All other situations.....		\$500	\$		<b>TOTAL OF 21, 22 and 23 =</b>		<b>\$ 0.00</b>			<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		- 100 =	/50 =		x \$250.00		Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).					CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		Total claims	- 20 =		x		Independent claims	- 3 =		x		MULTIPLE DEPENDENT CLAIM(S) (if applicable)					<b>TOTAL OF ABOVE CALCULATIONS = \$ 0.00</b>					<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.					<b>SUBTOTAL = \$ 0.00</b>					Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					<b>TOTAL NATIONAL FEE = \$ 0.00</b>					Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property					<b>TOTAL FEES ENCLOSED = \$ 0.00</b>					Amount to be refunded:				\$	Amount to be charged:				\$
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)) .....		\$300	CALCULATIONS	PTO USEONLY																																																																																																																													
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....		\$0	\$																																																																																																																														
All other situations .....		\$200	\$																																																																																																																														
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .....		\$0	\$																																																																																																																														
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....		\$100	\$																																																																																																																														
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....		\$400	\$																																																																																																																														
All other situations.....		\$500	\$																																																																																																																														
<b>TOTAL OF 21, 22 and 23 =</b>		<b>\$ 0.00</b>																																																																																																																															
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																																																																																																																																	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																																																																																																																														
- 100 =	/50 =		x \$250.00																																																																																																																														
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).																																																																																																																																	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																																																																																																																														
Total claims	- 20 =		x																																																																																																																														
Independent claims	- 3 =		x																																																																																																																														
MULTIPLE DEPENDENT CLAIM(S) (if applicable)																																																																																																																																	
<b>TOTAL OF ABOVE CALCULATIONS = \$ 0.00</b>																																																																																																																																	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.																																																																																																																																	
<b>SUBTOTAL = \$ 0.00</b>																																																																																																																																	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).																																																																																																																																	
<b>TOTAL NATIONAL FEE = \$ 0.00</b>																																																																																																																																	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property																																																																																																																																	
<b>TOTAL FEES ENCLOSED = \$ 0.00</b>																																																																																																																																	
Amount to be refunded:				\$																																																																																																																													
Amount to be charged:				\$																																																																																																																													

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a.  A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ 0.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-0080. A duplicate copy of this sheet is enclosed.
- d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038

**NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed an granted to restore the International Application to pending status.**

SEND ALL CORRESPONDENCE TO:

Anthony A. Laurentano  
LAHIVE & COCKFIELD, LLP  
28 State Street  
Boston, Massachusetts 02109  
(617) 227-7400  
October 11, 2005  
CUSTOMER NUMBER: 00959



SIGNATURE

Anthony A. Laurentano

NAME

38,220

REGISTRATION NUMBER

Application No. (if known): 10/530371

Attorney Docket No.: FHW-141US

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EL 913 978 466 US in an envelope addressed to:

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on October 11, 2005  
Date



Signature

Anthony A. Laurentano

Typed or printed name of person signing Certificate

38,220 (617) 227-7400  
Registration Number, if applicable Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office (1 page)  
Response To Notification Of Missing Requirements Under 35 U.s.c. 371  
In The United States Designated/elected Office (1 page)  
Oath or declaration of the inventor(s) (3 pages)  
Supplemental Application Data Sheet (2 pages)  
Copy of 371 Formalities Letter (2 pages)  
Return Receipt Postcard

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EL 913 978 466 US, in an envelope addressed to: MS PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: October 11, 2005

Signature:

(Anthony A. Laurentano)

Docket No.: FHW-141US

(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Stephen Hugh Freestone

Application No.: 10/530371

Confirmation No.: 3015

Filing Date of  
International Application: 26 September 2003

Art Unit: N/A

For: **DEVICES FOR PROTECTION AGAINST  
ADVERSE WEATHER CONDITIONS**

Examiner: Not Yet Assigned

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C.  
371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE**

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C. 371, mailed August 11, 2005, Applicant respectfully submits a Declaration, Petition and Power of Attorney, a Supplemental Application Data Sheet correcting a typographical error in the foreign priority claim, as well as a copy of the Notification of Missing Requirements.

Dated: October 11, 2005

Respectfully submitted,

By   
Anthony A. Laurentano  
Registration No.: 38,220  
LAHIVE & COCKFIELD, LLP  
28 State Street  
Boston, Massachusetts 02109  
(617) 227-7400  
(617) 742-4214 (Fax)  
Attorney/Agent For Applicant

COPY



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/530,371	Stephen Hugh Freestone	FHW-141US
		INTERNATIONAL APPLICATION NO.
		PCT/GB03/04180
		IA. FILING DATE
		10/05/2002

00959  
 LAHIVE & COCKFIELD, LLP.  
 28 STATE STREET  
 BOSTON, MA 02109

**ENTERED**  
**DOCKETED**  
*October 11, 2005 - missing req.*  
*March 11, 2006 esp w/cast.*

CONFIRMATION NO. 3015  
 371 FORMALITIES LETTER  
  
 \*OC000000016741933\*

Date Mailed: 08/11/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 04/05/2005
- Copy of the International Search Report filed on 04/05/2005
- Copy of IPE Report filed on 04/05/2005
- Preliminary Amendments filed on 04/05/2005
- Information Disclosure Statements filed on 04/05/2005
- Small Entity Statement filed on 04/05/2005
- U.S. Basic National Fees filed on 04/05/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5).

A copy of this notice **MUST** be returned with the response.

RECEIVED  
 LAHIVE & COCKFIELD  
 DOCKET DEPT.  
 ENTERED 8/15/2005  
 RETRIEVED: 8/5/2005  
 111

PATRICIA A BOOKER

---

Telephone: (703) 308-9140 EXT 204

PART 1 - ATTORNEY/APPLICANT COPY

---

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/530,371	PCT/GB03/04180	FHW-141US

FORM PCT/DO/EO/905 (371 Formalities Notice)